



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBD29904-RWRevB
Job Sheet R189819



Part No: RBD29904-RWRevB

Job Qty: 1 pcs

Part Name: Hoist Adapter "D" Model



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/30/19

Job Tracking No:

Due Date: 2/11/19

Created By: Linda Lacelle

Type: Rework

Description:

Note: URF 19-540 DWG RBD29904 Rev.B IPP Rev. A 19.01.30 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Small Fab - 1	1 pcs	2/11/19		0.00	0.10	Small Fab - 1		
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
110	Conventional Mill - 1 - B4B	1 pcs	2/11/19		0.00	0.33	Conventional Mill - 1 - B4B		19/1/39
							Conventional Mill - 2 - B4B		
120	QC 2	1 pcs	2/11/19		0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S149891

Part: RBD29904

Job No: R189819

Serial No/Batch: S149891

Revision: B

Inspector:

Exp Date:

Instructions:

Date: 01/31/19

				QC 2 - 50	
				QC 2 - 51	
				QC 2 - 52	
				QC 2 - 54	
				QC 2 - 56	
				QC 2 - 57	
				QC 2 - 62	
				QC 2 - 63	# 19/11/31
				QC 2 - 8	
130 QC 8	1 pcs	2/11/19	0.00 0.00	QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 38	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	DAS JAN 30 2019 58 9-89
				QC 8 - 67	
				QC 8 - 1 (A)	
140 Outsource - 4 - Anodize	1 pcs	2/11/19		GRO002-VC	ATG 0219-0204
150 Packaging 2-1 - Receive - B4B	1 pcs	2/11/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	# FEB 08 2019
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	

					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
160 QC 6	1 pcs	2/11/19	0.00 0.00	QC 6 - 38		
				QC 6 - 42		
				QC 6 - 9		
				QC 6 - 68		DAS
				QC 6 - 61		FEB 11 2019 68 9-89
170 Small Fab - 2 - B4B	1 pcs	2/11/19	0.00 0.20	Small Fab - 1 - B4B		
				Small Fab - 2 - B4B		MLL
				Small Fab - 3 - B4B		
				Small Fab - 4 - B4B		
				Small Fab - 5 - B4B		
				Small Fab - 6 - B4B		
				Small Fab - 7 - B4B		
180 QC 5	1 pcs	2/11/19	0.00 0.00	QC 5 - 10		
				QC 5 - 12		
				QC 5 - 17		
				QC 5 - 18		
				QC 5 - 19		
				QC 5 - 22		
				QC 5 - 24		
				QC 5 - 3		
				QC 5 - 38		
				QC 5 - 42		
				QC 5 - 43		
				QC 5 - 49		
				QC 5 - 51		
				QC 5 - 58		
				QC 5 - 68		
				QC 5 - 9		
				QC 5 - 50		
				QC 5 - 30		
190 Packaging 3-1 - Stock - B4B	1 pcs	2/11/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		

				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
200 QC 21 - FG	1 pcs	2/11/19	0.00 0.00	QC 21 - FG - 21	DAG 21 9-09
				QC 21 - FG - 70	FEB 12 201
Part Op 100 - 1-Pick 2-Cut off lanyards and scrap. 3-Remove pins and identify for re assembly later. Descriptions: 110 - ***Rework part to Rev. 2*** 1-Machine as per DWG. 2-Debur 140 - -Issue P/O; <u>042745</u> -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant - Material type; 6061T6 -Certificate of Conformity is required 150 - Certificate of Conformity is required 170 - Fabricate new lanyards and re assemble using quick release pins previously removed. See note 9. 190 - The tool must be packaged with a desiccant bag into a tight fitting sealed plastic bag as per DWG.					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
RBD29904	Hoist Adapter "D" Model	1 Ea (1 ea)	100-Small Fab - 1	<u>5149848</u>	
3896T31	Ferule 1/16 X 3/8" - Aluminum	6 Ea (6 ea)	170-Small Fab - 2 - B4B	<u>5122137</u>	
CL-2-C	Lanyard Wire	2.3750 ft (2.375 ea)	170-Small Fab - 2 - B4B	<u>5119853</u>	
63 90293A113	Quick release pin 3 (3ea)		170 - " " "	<u>5120468</u>	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Small Fab - 1	RBD29904	1	11	0	
170-Small Fab - 2 - B4B	3896T31	6	596	0	
	CL-2-C	2	484	0	
Part Specifications					
Specifications could not be found.					

Under Review Notification

Raised By: Steven Drouin
 Date: 19.01.29

Product #: RBD29904
 Product Name: Holst Adapter " D " Model

Part Number (D-Part and 9-Digit) (eg. D3535-11) (eg. D3535-25) (eg. D206-642-143) (eg. RBEM324U3010101-1)	Drawing or Document & <u>Current</u> Affected Revision for each part listed	"Y" or "N" Required for Each Part Do not leave blank							Reserved ECN / URF Log Number	Instructions Relevant to Each Part (including whether CHG #'s will be affected)
		DO NOT SHIP	Red Tag/Quarantine Stock	Advise Customers	Hold all Production	Re-Work Stock	IPP Under Review (Engineer Signoff Required.)	Put Product Specifications Under Review ("Bluefiles")		
RBD29904	RBD029904 Rev. B	Y	N	N	N	N	Y	Y	19-540	Waiting test fit from Customer

Description of Issue:

-Engineering is waiting for customer feed back (Test Fit) before releasing this product

See Engineering for more details

Distribution:	VP Operations	Director of Engineering	Customer Support Manager	Technical Support
	Director of Operations	Chief Engineer	Production Engineers	Product Manager - Solutions Provider
	Director Quality Assurance	Engineering Project Managers	Production Planners	Supply Chain Director / Senior Buyer
	QC Coordinator	Engineering Clerk	Purchasing Manager	Marketing Eugene

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date: 19.01.29	Job No.: RB18-MD	ADR Yes/No: N	ADR Date: <i>N/A</i>	ECN #: 19- 538
Product No.: DART TOOLING MD		Created By: VM	Approved By: <i>MZ</i>	
Product Name: HOIST ADAPTER "D" MODEL		Checked By: <i>mt</i>		

Reason for Change:
HOLE DO NOT ALIGN

Documents Released:

RBD29904 REV B

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: 19-538

PAPERWORK UPDATE ☐ PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10		N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MD		<i>mt 19.01.30</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MD		<i>mt 19.01.30</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MD		<i>mt 19.01.30</i>
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N Y	MD		
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

RE-WORK STOCK PER REV B
DELETE REV A
RELEASE REV B DRAWING
REMOVE URF STATUS

11 @ ATG Jan 21
PO 042333

ECN Verified & Complete: _____ Date: _____

Linda Lacelle

From: Daniel Paquette
Sent: Wednesday, January 30, 2019 10:27 AM
To: Linda Lacelle; Marie Lajeunesse
Cc: Ketan Tailor; Praduman Khayargoli; Michael Lee; Vanessa Morel; Support Eugene; David Duval; Jean-Luc Menard
Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096 - RBD29904
Attachments: RBD29904-RevB.pdf; URF19-540.pdf

R & B done for RBD29904-RWRevB. Please issue work order for 1 only. Thank you.

From: Daniel Paquette
Sent: Tuesday, January 29, 2019 3:50 PM
To: Support Eugene <support.or@dartaero.com>; David Duval <dduval@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>; Michelle GagnonDonovan <mgagnondonovan@dartaero.com>
Cc: Ketan Tailor <ktailor@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Michael Lee <mlee1@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>
Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096 - RBD29904

R & B for this will be made tomorrow morning ASAP, will advise when done.

From: Support Eugene <support.or@dartaero.com>
Sent: Tuesday, January 29, 2019 3:34 PM
To: David Duval <dduval@dartaero.com>; Daniel Paquette <dpaquette@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>
Cc: Ketan Tailor <ktailor@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Michael Lee <mlee1@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>; Support Eugene <support.or@dartaero.com>
Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096 - RBD29904

Good afternoon,

Please advise if we are going to rework current stock as per Mike *"I believe we have a few tools in inventory, maybe we could modify one per the customers dimensions and rush ship it to them ?"*

Or provide the customer with a new manufactured tool. Please provide lead-time so I can notify the customer.

Thank you,

Jen

From: Vanessa Morel <vmorel@dartaero.com>

Sent: Tuesday, January 29, 2019 10:31 AM

To: Daniel Paquette <dpaquette@dartaero.com>; Support Eugene <support.or@dartaero.com>; David Duval <dduval@dartaero.com>

Cc: Ketan Tailor <ktailor@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Michael Lee <mlee1@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Drawing as been released.

Vanessa Morel

Mechanical Design Leader

DART AEROSPACE

T 1 613 632-5200 Ext.302

E vmorel@dartaero.com

W www.dartaerospace.com



From: Daniel Paquette

Sent: Tuesday, January 29, 2019 10:13 AM

To: Vanessa Morel <vmorel@dartaero.com>; Support Eugene <support.or@dartaero.com>; David Duval <dduval@dartaero.com>

Cc: Ketan Tailor <ktailor@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Michael Lee <mlee1@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Drawing is now with you Vanessa.

From: Vanessa Morel <vmorel@dartaero.com>

Sent: Tuesday, January 29, 2019 10:03 AM

To: Support Eugene <support.or@dartaero.com>; David Duval <dduval@dartaero.com>; Daniel Paquette <dpaquette@dartaero.com>

Cc: Ketan Tailor <ktailor@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Michael Lee <mlee1@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

It's with you Dan for PEC review. As soon as you send it to me for DM review I will approve it.

Thanks,

Vanessa Morel

Mechanical Design Leader

DART AEROSPACE

T 1 613 632-5200 Ext.302

E vmorel@dartaero.com

W www.dartaerospace.com



From: Support Eugene

Sent: Tuesday, January 29, 2019 9:57 AM

To: David Duval <dduval@dartaero.com>

Cc: Ketan Tailor <ktailor@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Michael Lee <mlee1@dartaero.com>; Support Eugene <support.or@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Hi David,

Can you please advise lead-time?

Thank you,

Jen

From: Praduman Khayargoli <pkhayargoli@dartaero.com>

Sent: Monday, January 28, 2019 3:55 PM

To: Michael Lee <mlee1@dartaero.com>; Support Eugene <support.or@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>

Cc: David Duval <dduval@dartaero.com>; Ketan Tailor <ktailor@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Hello Mike,

We will revise and release the drawing as per customer feedback first hour 1/29/2019.

Thanks,

Praduman

From: Michael Lee <mlee1@dartaero.com>

Sent: Monday, January 28, 2019 12:07 PM

To: Support Eugene <support.or@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>

Cc: David Duval <dduval@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Hey,

@Praduman/Vanessa, how soon can the drawing be revised per the customers feedback ?

@David, would it be possible to shave off some material from the base of the tool then re-anodize ? How many days would this take ? (see attached photo)

Regards,

Mike

From: Support Eugene <support.or@dartaero.com>

Sent: Monday, January 28, 2019 10:54 AM

To: Michael Lee <mlee1@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>

Cc: Support Eugene <support.or@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Hi Mike,

Perfect that will work.

Customer is RUAG Schweiz AG located in Switzerland. Can you please advise a time frame on when we can expect this mod to be done?

Thank you,

Jen

From: Michael Lee <mlee1@dartaero.com>

Sent: Monday, January 28, 2019 10:45 AM

To: Jennifer Renwick <jrenwick@dartaero.com>; Praduman Khayargoli <pkhayargoli@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>

Cc: Support Eugene <support.or@dartaero.com>

Subject: RE: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Hey Jen,

Vanessa and Praduman can take care of this issue.

I believe we have a few tools in inventory, maybe we could modify one per the customers dimensions and rush ship it to them ?
Where is this customer located ?

This tool needs to be placed under review asap.

Regards,

Mike

From: Jennifer Renwick <jrenwick@dartaero.com>
Sent: Monday, January 28, 2019 9:58 AM
To: Michael Lee <mlee1@dartaero.com>
Cc: Support Eugene <support.or@dartaero.com>
Subject: FW: Warranty claim on our PO 4500493811 // your order 6653 - Case#12096

Hi Mike,

Can you please advise who to send this to on the tooling team?

Customer purchased a RBD29904 and the holes do not line up with the hard points. I have attached the dimension of what the customer received and the job it was created on (Even though it was produced using the old Bell drawing- it looks to be manufactured per drawing). The customer states if the holes were a bit lower it would fit. Please let me know what you find..

Maybe we can provide customer approval to shave off the bottom so he can use the tool without delay?

Good Morning Jennifer,

please find attached the two documents with your requested dimensions.

Looking at your pictures it seems the holes do not line up with the hard points-is this correct?

- correct

Do all on the holes not line up or is it just one?

- all three holes do not lign up.

We could install the tool, if the holes of the tool would be a little bit lower.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

9900
NOV 22

RBD29904
Job Sheet 186039



Load ✓

Part No: RBD29904

Job Qty: 3 ea

Part Name: Hoist Adapter "D" Model



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/8/18

Job Tracking No:

Due Date: 12/11/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBD29904 Rev. C IPP Rev. A 18.05.07 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	3 Ea	12/11/18	12/11/18	0.00	0.00	Start Up Machining-3		SL
110	Mori Seiki	3 pcs	12/11/18	12/11/18	0.00	1.50	MORI SL2500Y		SL
120	QC	3 pcs	12/11/18	12/11/18	0.00	0.00	QC2 Machining-4		SL
130	Mori Seiki	3 pcs	12/11/18	12/11/18	0.00	3.00	MORI NV5000-1		SL
140	QC	3 pcs	12/11/18	12/11/18	0.00	0.00	QC2 Machining-4		SL
150	QC	3 pcs	12/11/18	12/11/18	0.00	0.00	QC8 Machining-4		SL
180	Outsource	3 pcs	12/11/18	12/11/18			ATG001-VC	10	SL
190	Packaging	2 pcs	12/11/18	12/11/18	0.00	0.00	Packaging2		SL
200	QC	3 pcs	12/11/18	12/11/18	0.00	0.00	QC6		SL
210	Small Fab	3 pcs	12/11/18	12/11/18	0.00	0.60	Small Fab-3		SL
220	QC	3 pcs	12/11/18	12/11/18	0.00	0.00	QC5		SL
260	Packaging	3 pcs	12/11/18	12/11/18	0.00	0.00	Packaging3-1		SL
270	QC21-FG	3 Ea	12/11/18	12/11/18	0.00	0.00	QC21		SL

Part Op 110 - ***Note*** Blanks cut to size at 7.125" 1-Machine as per folio FC111 FOLIO REV: AA DWG REV: Descriptions: 2-Debur

130 - 1-Machine as per folio FC111 FOLIO REV: DWG REV: 2-Debur

140 - Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG.

180 - Issue P/O to GROUPE ALTECH; PO ANODIZE COLOR CLEAR, PER IAW MIL-A-8625 TYPE 2

CLASS 1, Water sealant - Certificate of Conformity is required

210 - 1-Assemble as per DWG. ***See picture in DART catalog for reference***

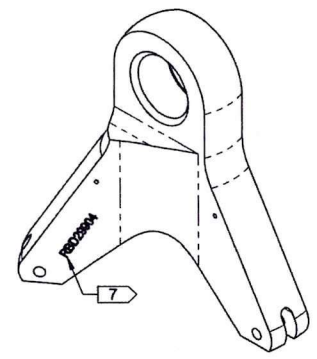
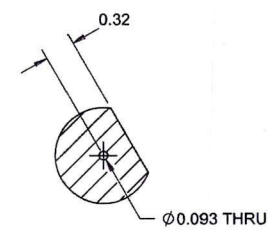
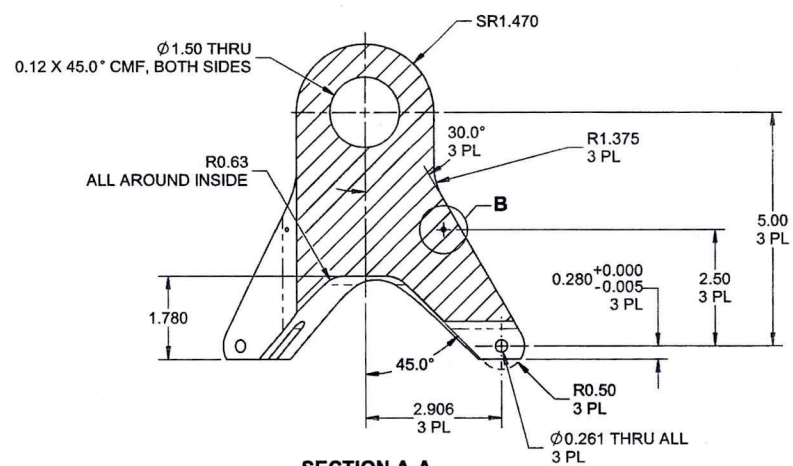
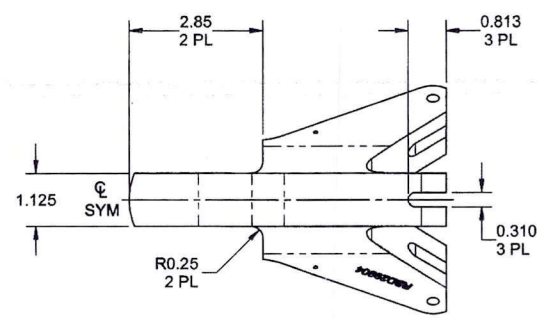
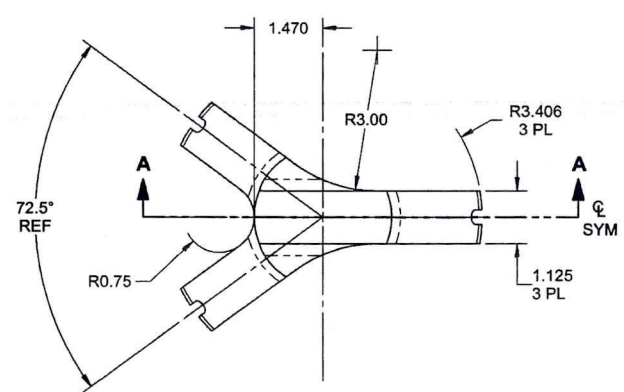
180: P0042333: ATG

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R7.000	6061-T6 Round Bar 7.000" (CUT TO SIZE: 7.125")	1.7820 ft (.594 ea)	90-Start up Operation	
90293A113	Quick Release Pin 1/4" dia. , 1-1/2" Length	9 Ea (3 ea)	210-Small Fab	
CL-2-C	Lanyard Wire	7.1250 ft (2.375 ea)	210-Small Fab	
CL-2-F	Ferrule	18 Ea (6 ea)	210-Small Fab	

Job Allocations

8 7 6 5 4 3 2 1



SECTION A-A

RBD29904-1 ADAPTER

8

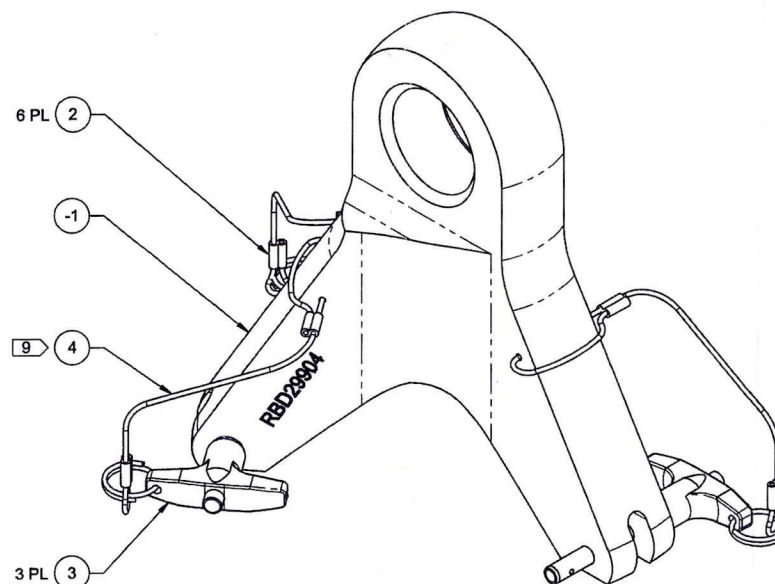
UNDER REVIEW
URF 19-540 19.01.29 (SAD)

- NOTES:
- 1) MATERIAL: 6061-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1"
X.XX = +/- 0.01" / +/- 0.5"
X.XXX = +/- 0.005" / +/- 0.1"
X.XXXX = +/- 0.0005" / +/- 0.05"
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
 - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN
 - 8) ALL NON DIMENSIONED FEATURES PER CAD MODEL RBD29904-1 REV B STEP

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. B
MFG. APPR.	DP	RBD29904	SHEET 2 OF 2
APPROVED	VP	TITLE	SCALE
		HOIST ADAPTER "D" MODEL	NTS
DATE	1/29/2019	COPYRIGHT © 2018 BY DART AEROSPACE LTD	
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8 7 6 5 4 3 2 1

ITEM #	QTY	PART #	PART TITLE
-1	1	RBD29904-1	ADAPTER
2	6	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
3	3	McMaster#90293A113 OR EQUIV.	SS PUSH BUTTON QUICK RELEASE PIN 1/4" DIA. X 1-1/2" USABLE LG.
4	AR	CARR-LANE #CL-2-C	NYLON COATED LANYARD 1/16" DIA.



RBD29904 HOIST ADAPTER "D" MODEL

10

UNDER REVIEW
URF 19-540 19.01.29 (SAD)

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1"
X.XX = +/- 0.01" / +/- 0.5"
X.XXX = +/- 0.005" / +/- 0.1"
X.XXXX = +/- 0.0005" / +/- 0.05"
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) LANYARD LENGTH APPROXIMATELY 8" ± 1" FROM END TO END.
- 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

B	-1 REMOVED 1.50 DIM. ADDED 0.280 +0/-0.005" 3 PL DIM. DIM WAS 1.863 IS 1.780. DIM WAS 0.895 3 PL IS 0.813 3 PL	19-538	KPT
A	NEW ISSUE	19-514	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. B
MFG. APPR.	DP	RBD29904	SHEET 1 OF 2
APPROVED	VS	TITLE	SCALE
		HOIST ADAPTER "D" MODEL	NTS
DATE	1/29/2019	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042445



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042445
PO Date: 1/30/19
Due Date: 2/11/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189112	RBT112800-3	PTO Seal Install Tool -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL - Certificate of Conformity is required	Firmed	-	2/11/19	26 pcs	0 pcs	26 pcs	\$4.64/pcs	\$120.64
2	187711	RBE703A94-1130-01-27	Tab Adjuster Body -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 Water seal -Certificate of Conformity is required	Firmed	-	2/11/19	11 pcs	0 pcs	11 pcs	\$4.64/pcs	\$51.04



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042445



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	189111	RBT112800-1	Base (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL As per Dwg RBT112800 Rev. 3A -Certificate of Conformity is required	Firmed	-	2/11/19	16 pcs	0 pcs	16 pcs	\$4.64/pcs	\$74.24
4	188311	646.3810	Bracket Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	2/11/19	17 pcs	0 pcs	17 pcs	\$5.56/pcs	\$94.52



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042445



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	R189819	RBD29904-RWRevB	Hoist Adapter "D" Model -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL- A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	2/8/19	1 pcs	0 pcs	1 pcs	\$4.64/pcs	\$4.64

Line Item Note ** ASAP URGENT AHH! **

Grand Total: \$345.08

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/8/19 2:28 PM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917223

Date: 08-Feb-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 26 ea	Part: RBT112800-3 PTO Seal Install Tool Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils) Water Seal Job: 24604		Rev: 3A PO: PO042445 Line: 1
✓ 11 ea	Part: RBE703A94-1130-01-27 Tab Adjuster Body Clear Anodize per MIL-A-8625F, Type II, Class 1, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 24605		Rev: 6 PO: PO042445 Line: 2
✓ 16 ea	Part: RBT112800-1 Base Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils) Water Seal Job: 24606		Rev: 3A PO: PO042445 Line: 3
✓ 17 ea	Part: 646.3810 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24607		Rev: NC PO: PO042445 Line: 4
✓ 1 ea	Part: RBD29904 Hoist Adapter "D" Model Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 24608		Rev: A PO: PO042445 Line: 5
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Made in Canada.			

DAS
68
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917223

Date: 08-Feb-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	Date: <u>8/2/19</u> Certified Signature: _____ Receiver Signature: <u>[Signature]</u> A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
Made in Canada.		